

To: Markiewicz, Karl[Markiewicz.Karl@epa.gov]
From: Arguto, William
Sent: Fri 2/14/2014 8:28:31 PM
Subject: RE: Formaldehyde - Deliberative - not for release for ATSDR R3 review today

Thanks Karl

From: Markiewicz, Karl
Sent: Friday, February 14, 2014 3:02 PM
To: Arguto, William
Cc: Werner, Lora; Helverson, Robert
Subject: RE: Formaldehyde - Deliberative - not for release for ATSDR R3 review today

Hello Bill,

Ex. 5 - Deliberative

The estimated volume of crude MCHM that spilled into the Elk River is 10,000 gallons. According to the Material Data Safety Sheet (MSDS), the crude mixture contains 68 to 89% 4-methylcyclohexanemethanol, or 6,800 to 8,900 gallons. 4-methylcyclohexanemethanol is not expected to chemically AND/OR BIOLOGICALLY degrade to methanol and 4-methylcyclohexane without a high input of energy and in the presence of a catalyst.

Ex. 5 - Deliberative

Ex. 5 - Deliberative

From: Werner, Lora
Sent: Friday, February 14, 2014 2:54 PM
To: Markiewicz, Karl; Helverson, Robert
Subject: Fw: Formaldehyde - Deliberative - not for release for ATSDR R3 review today

If you have any comments pls share back directly to Bill!

Karl, I realize your day is almost done - sorry about late notice!!

From: Arguto, William
Sent: Friday, February 14, 2014 2:48:47 PM
To: Werner, Lora
Subject: Formaldehyde - Deliberative - not for release

Lora;

I have been putting together information re the formaldehyde issue in West Virginia- See attached. Steve Allgeier from our Water Security Division has been a tremendous help in the discussion, I didn't know if you would have any comments or if Bob or Karl had any thoughts. Any comments / recommendations are welcomed.

The second attachment is just a compilation of info on the subject. I should also include toxnet info but it's not in the attachment

Thanks